

FIG. 1.

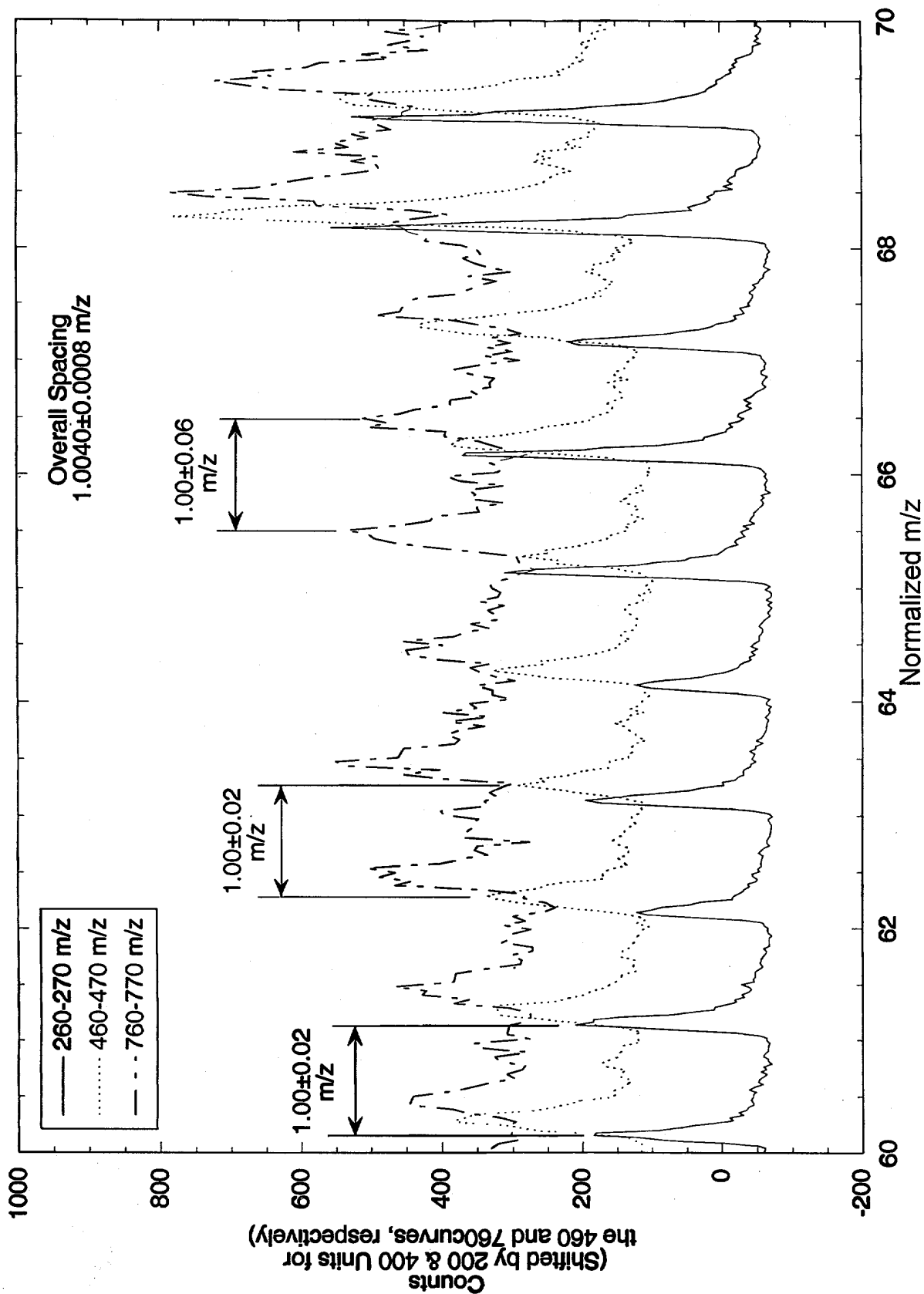


FIG. 2.

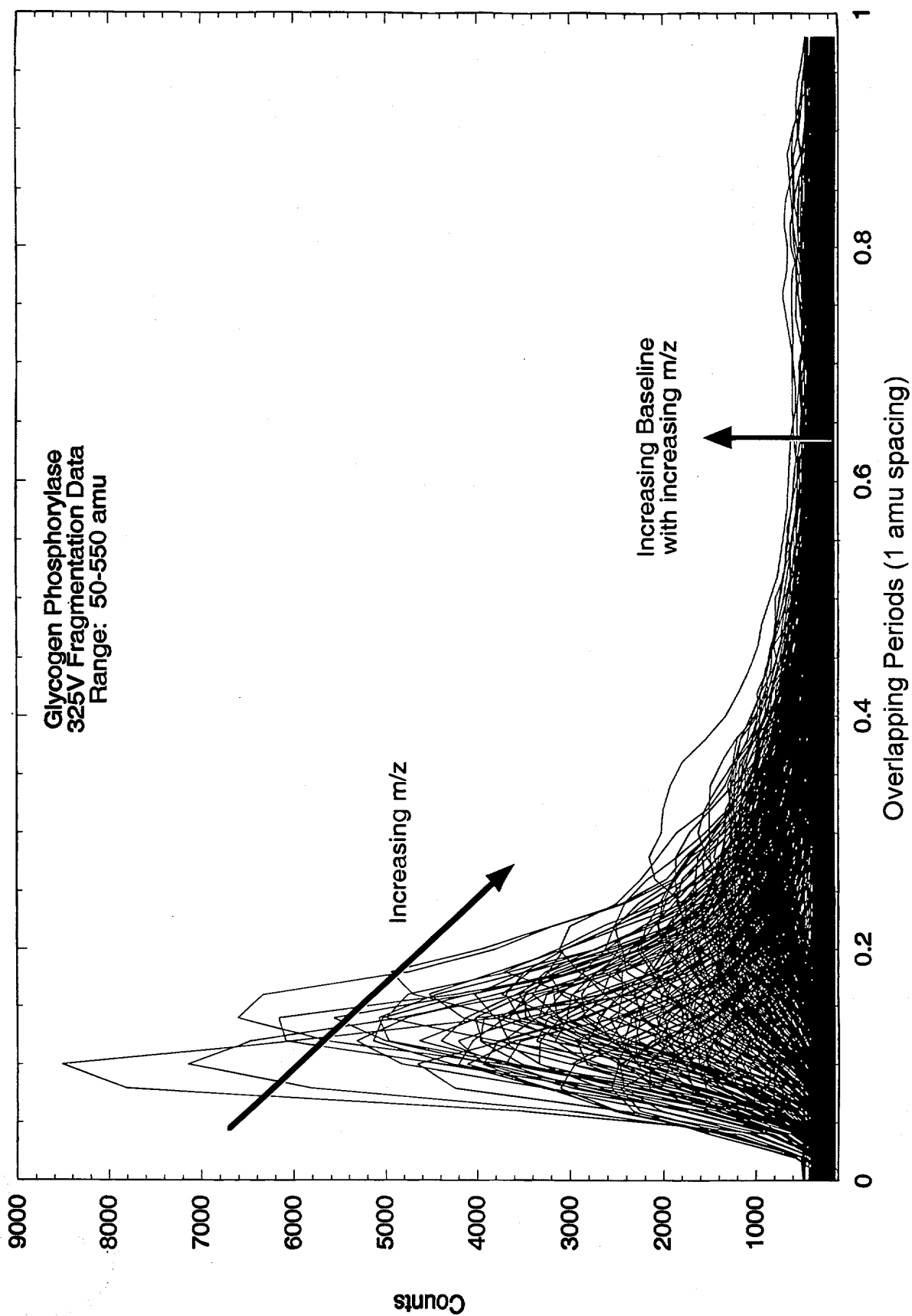


FIG. 3

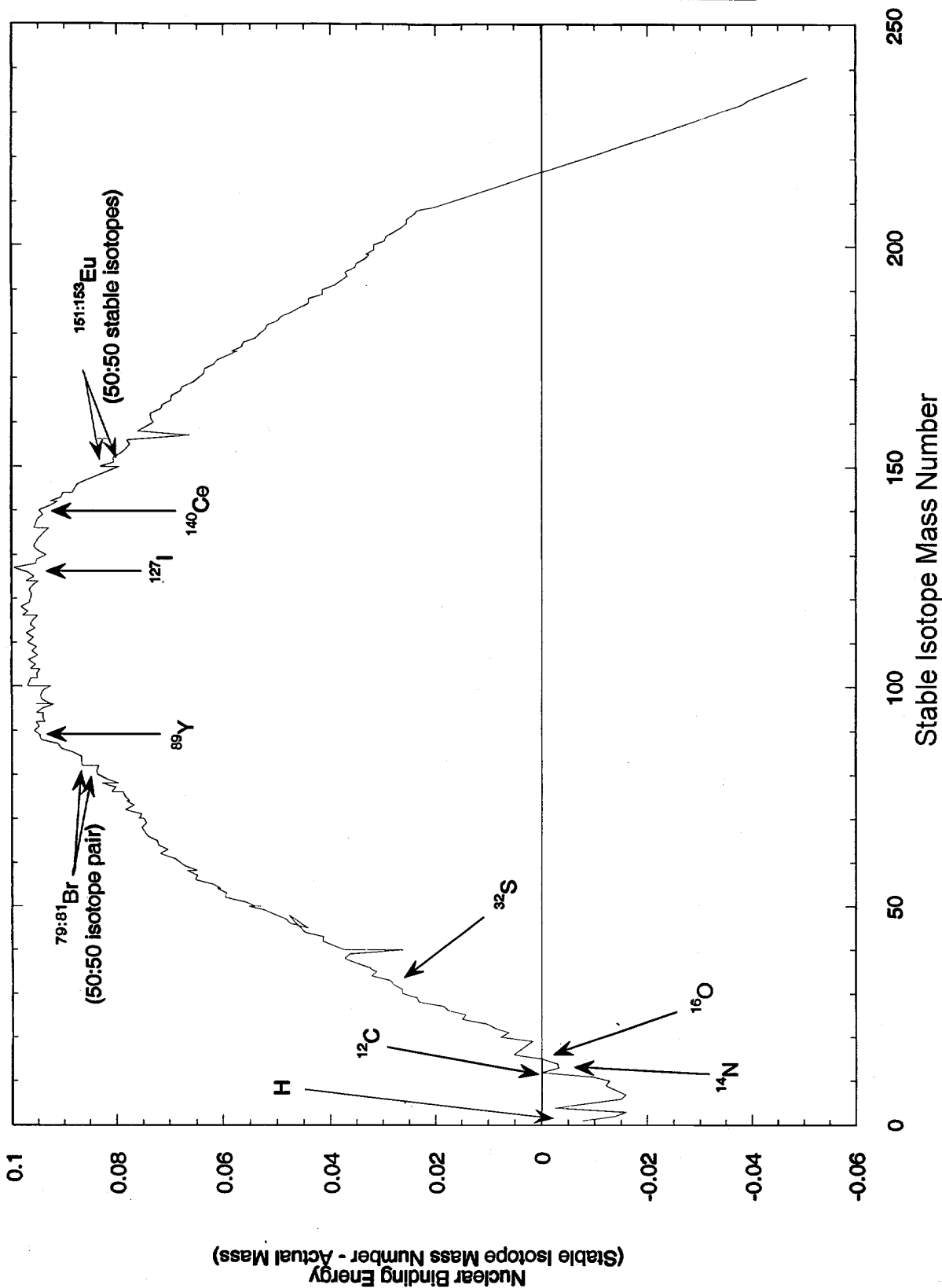


FIG. 4.

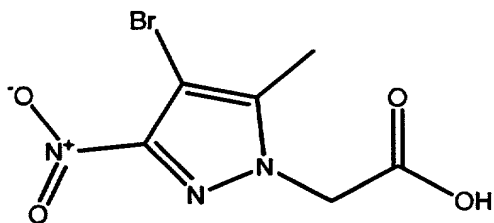
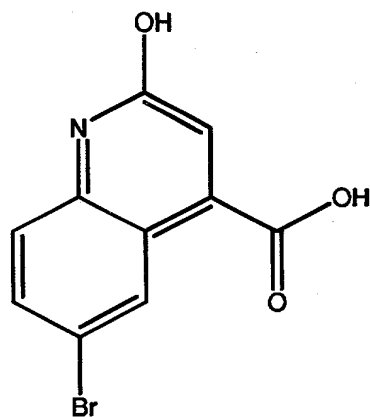
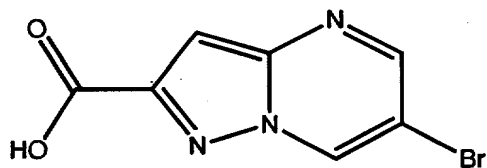
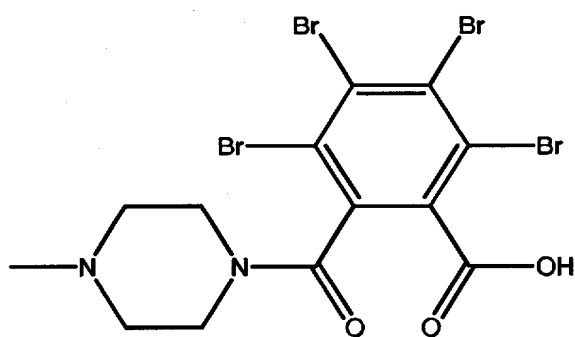
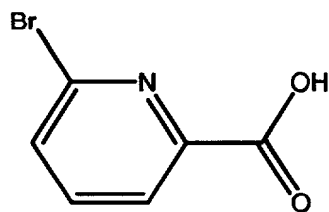
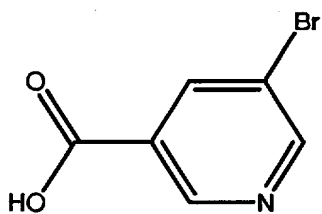


FIG. 5.

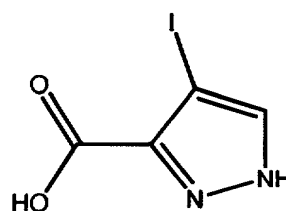
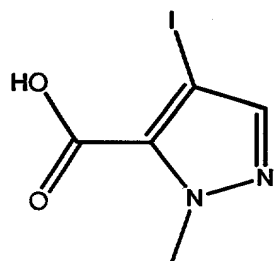
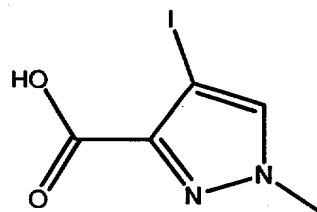
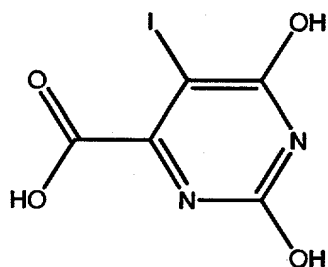


FIG. 6.

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"FIG. 6"



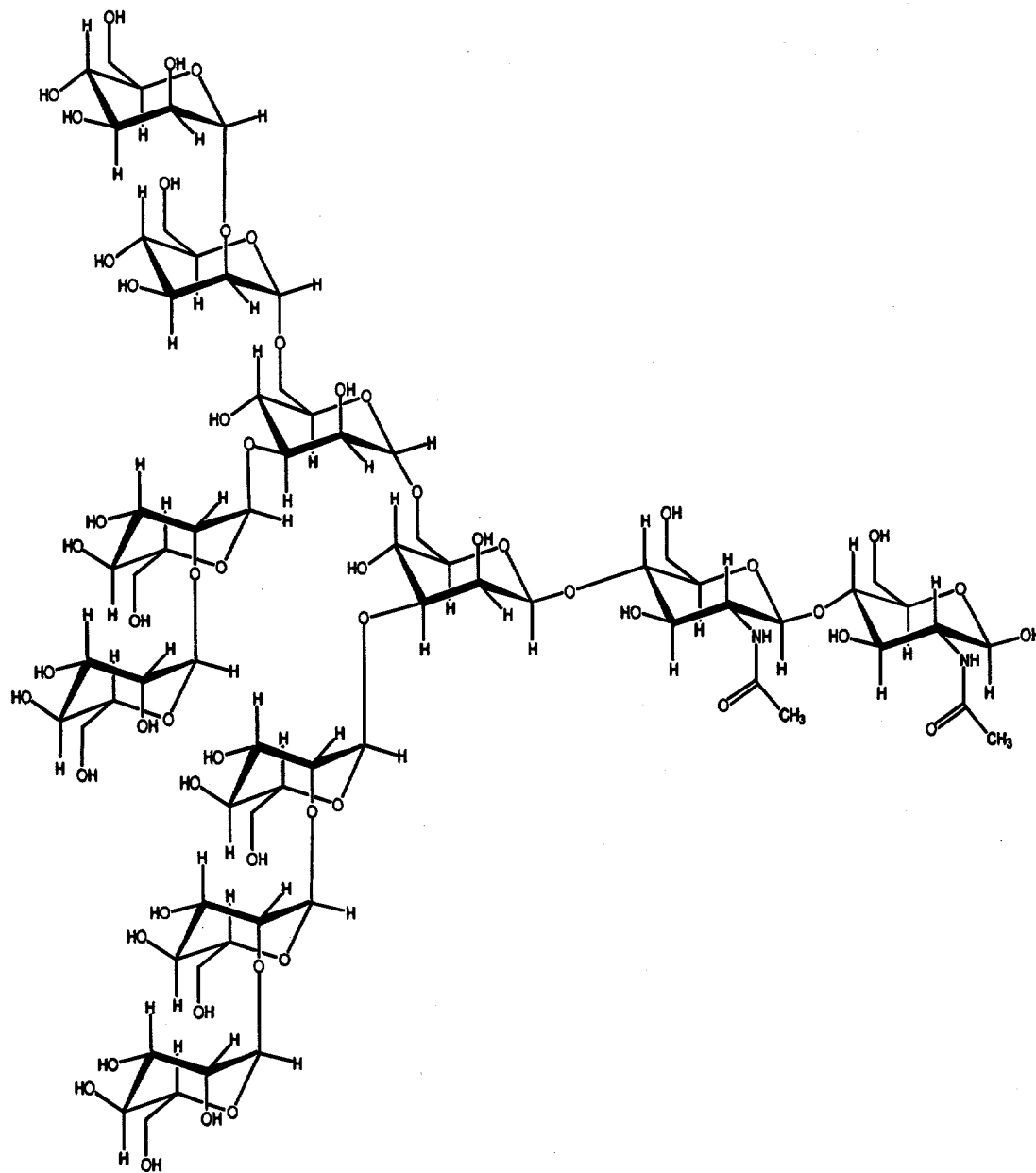


FIG. 7.

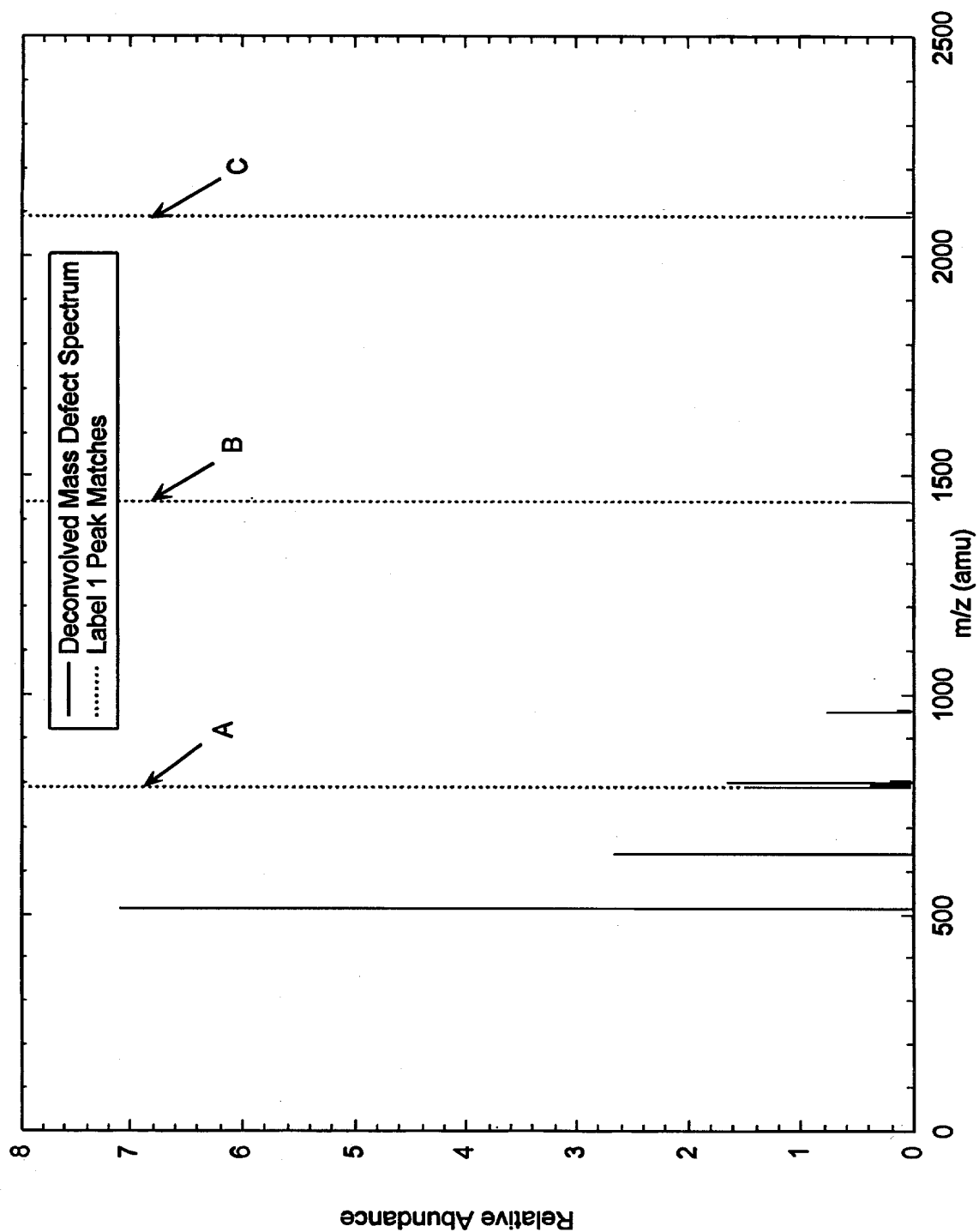


FIG. 8A.

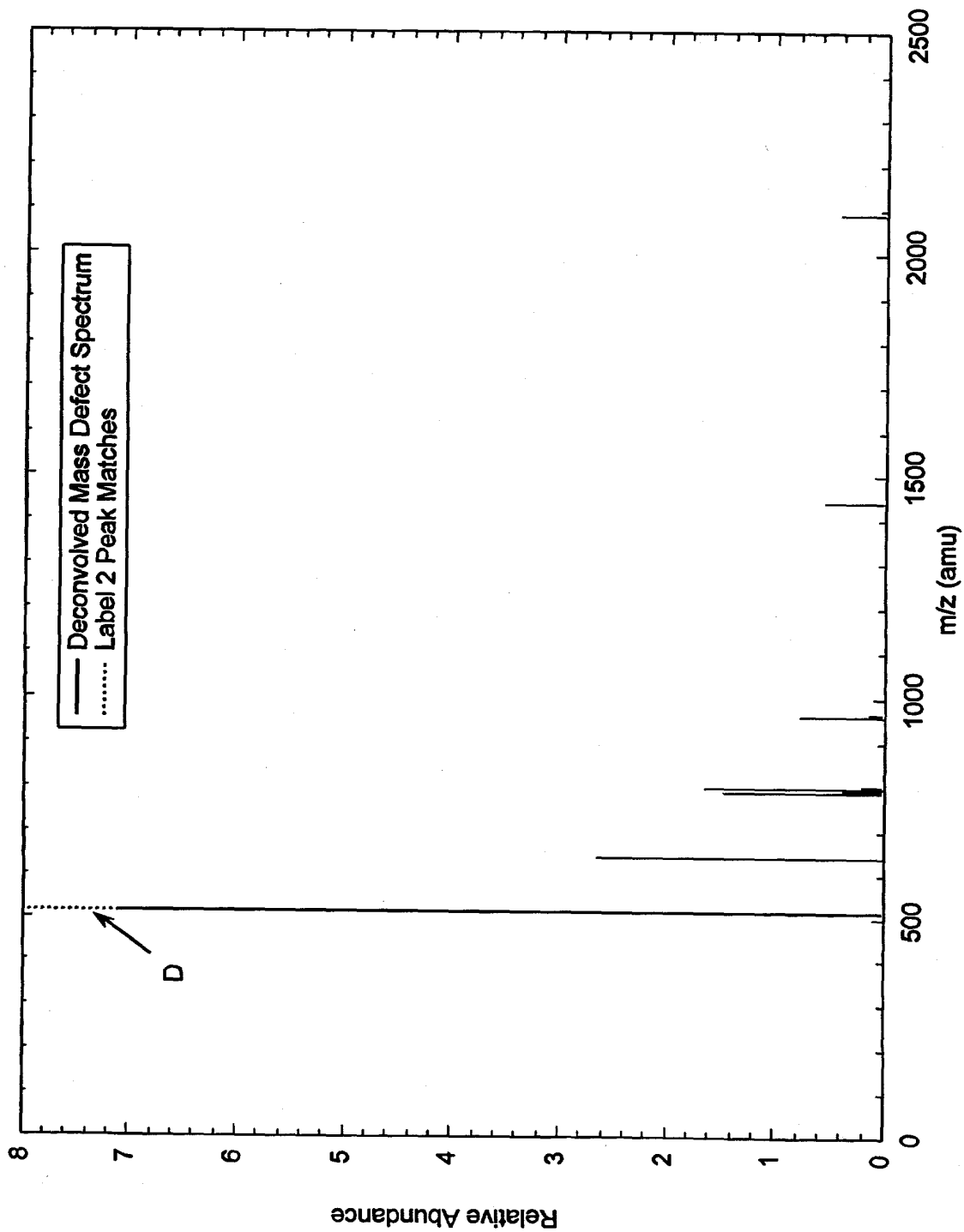


FIG. 8B.

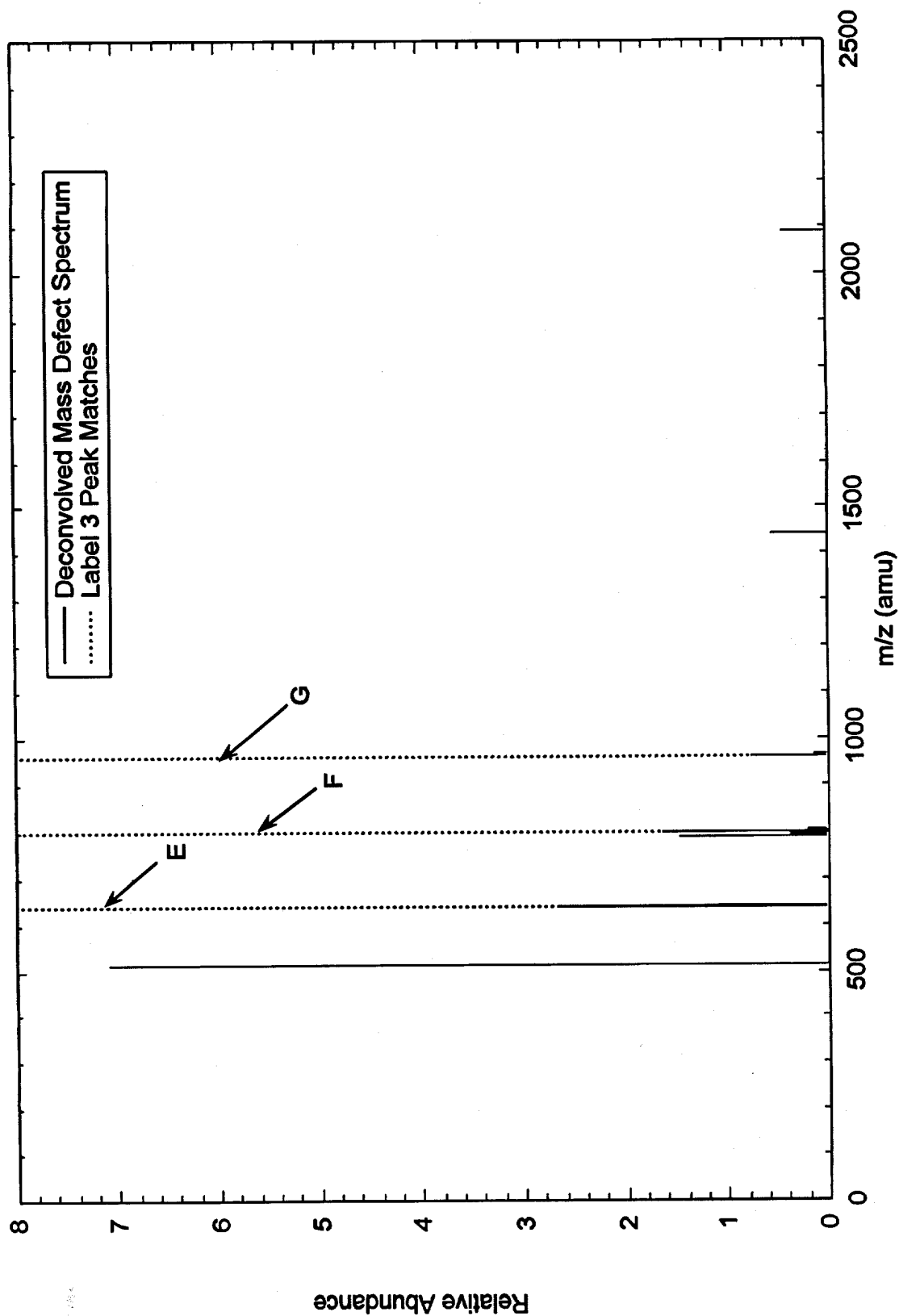


FIG. 8C.

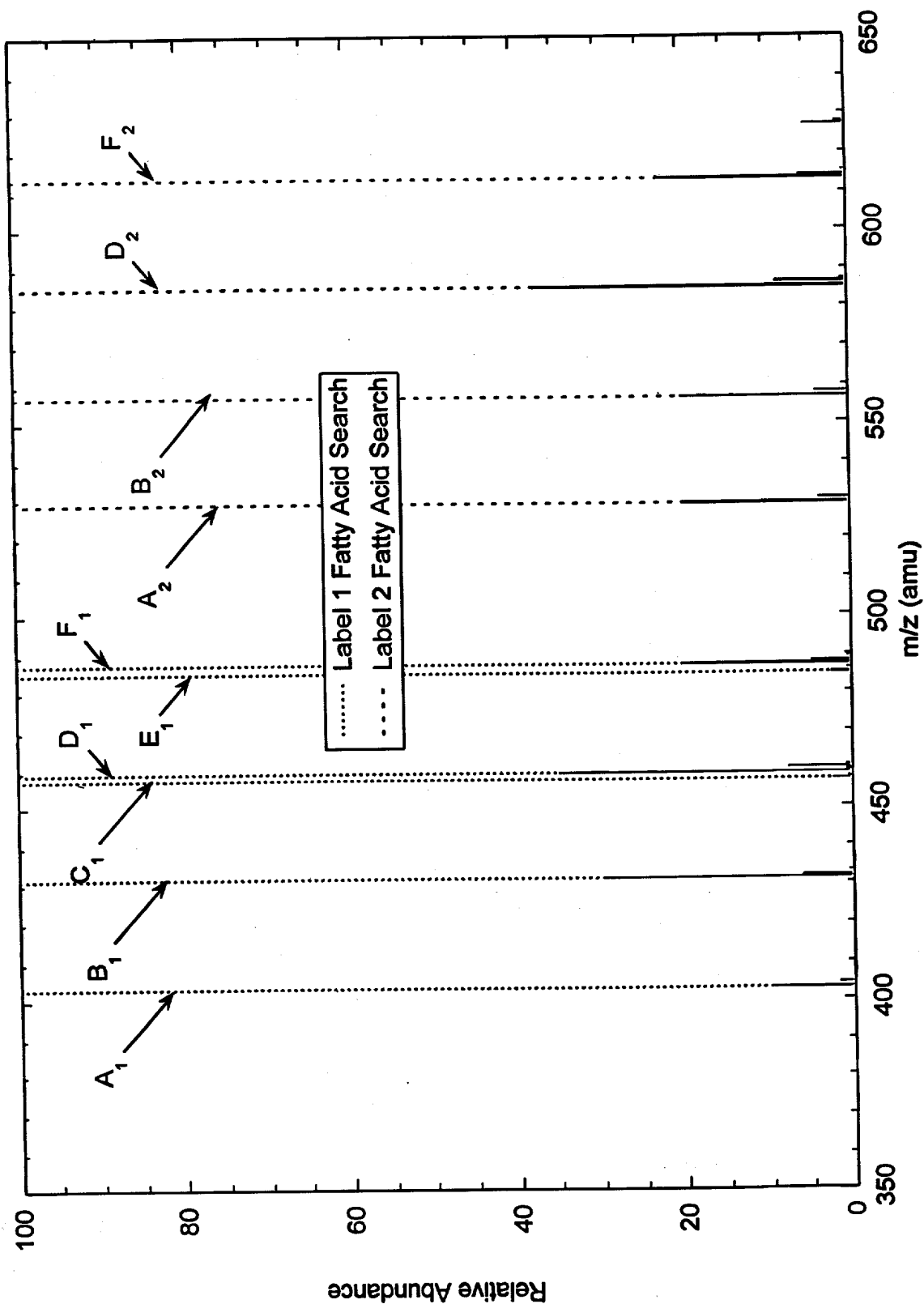
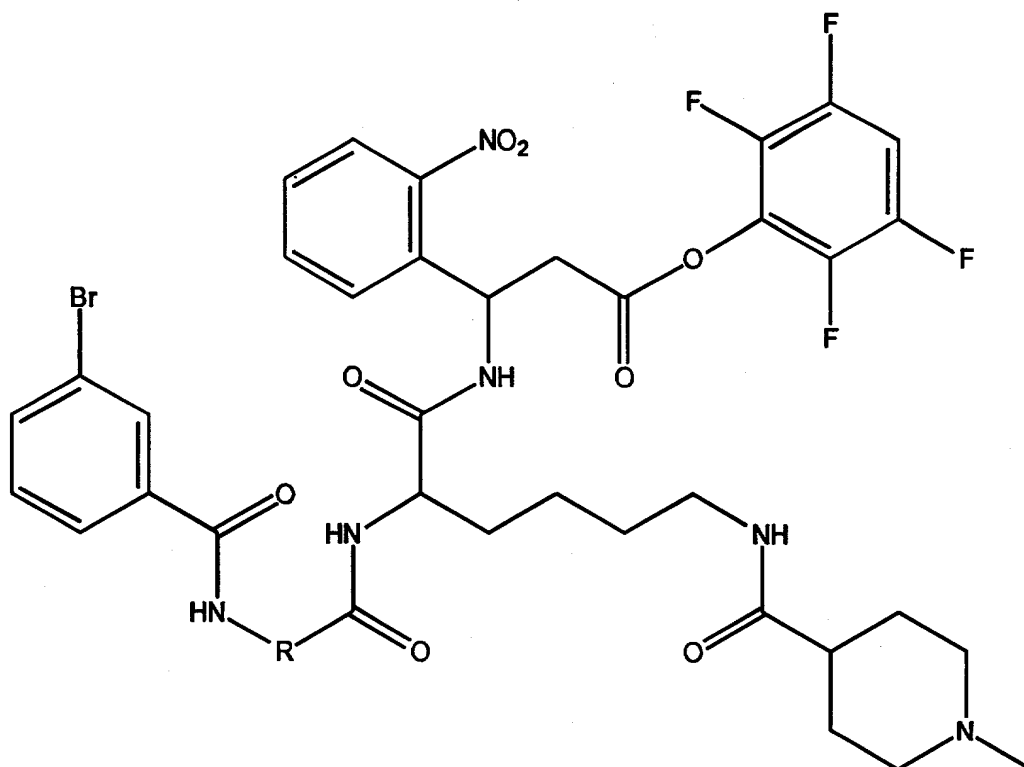


FIG. 9.



The general structure of the photocleavable mass defect tag where Br is the mass defect element that is linked through the amino acid (R) to the remainder of the tag.

FIG. 10.

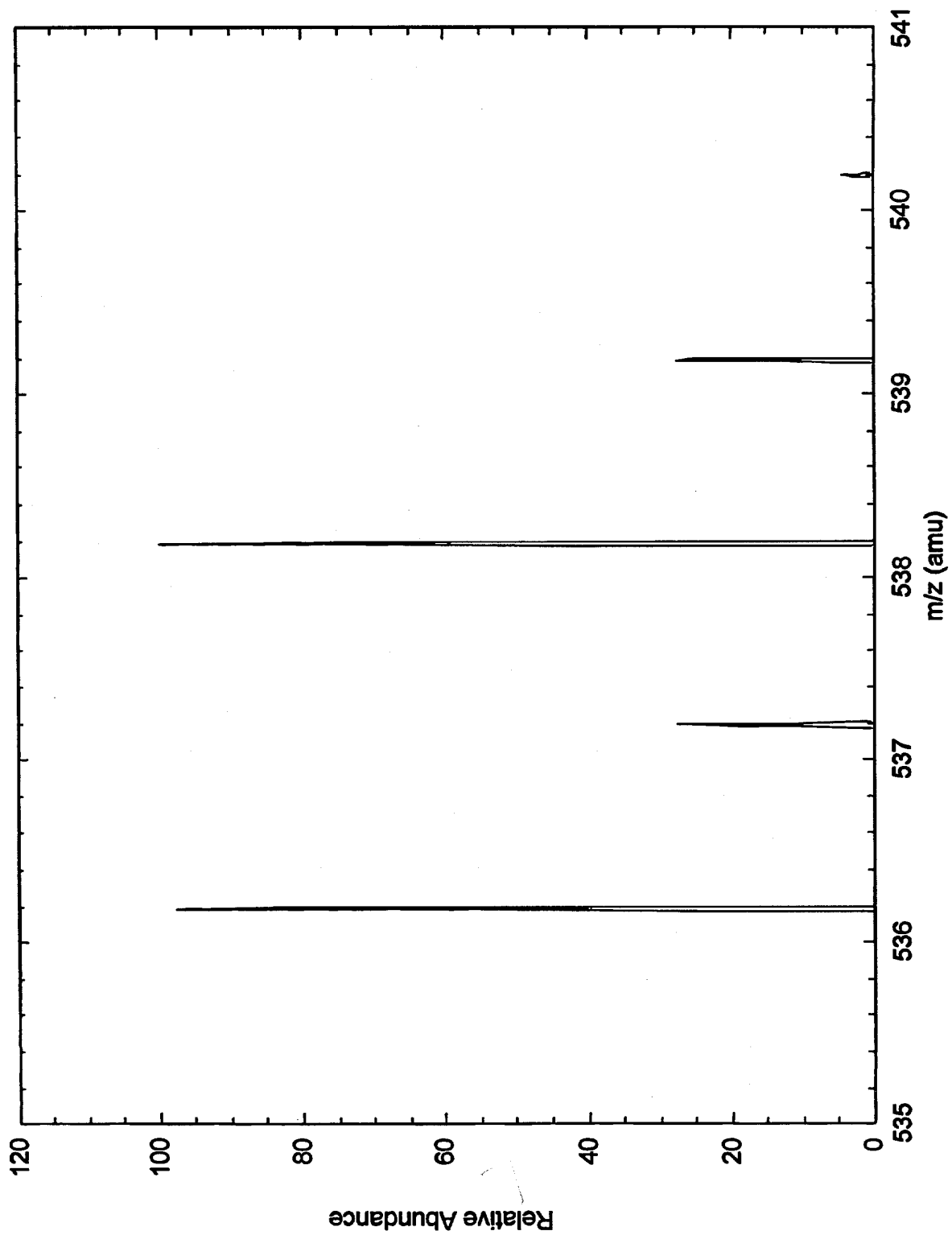


FIG. 11A.

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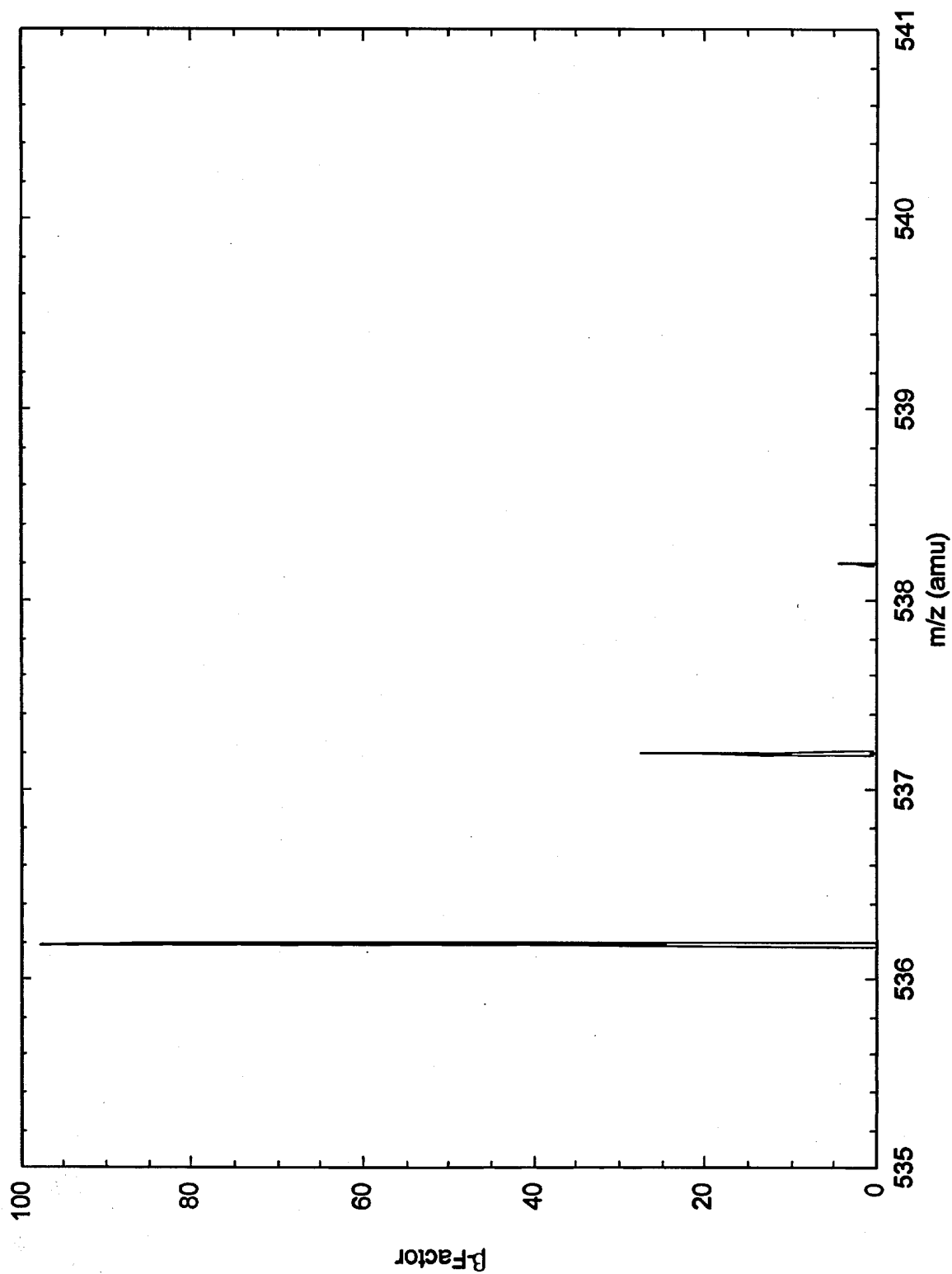


FIG. 11B.

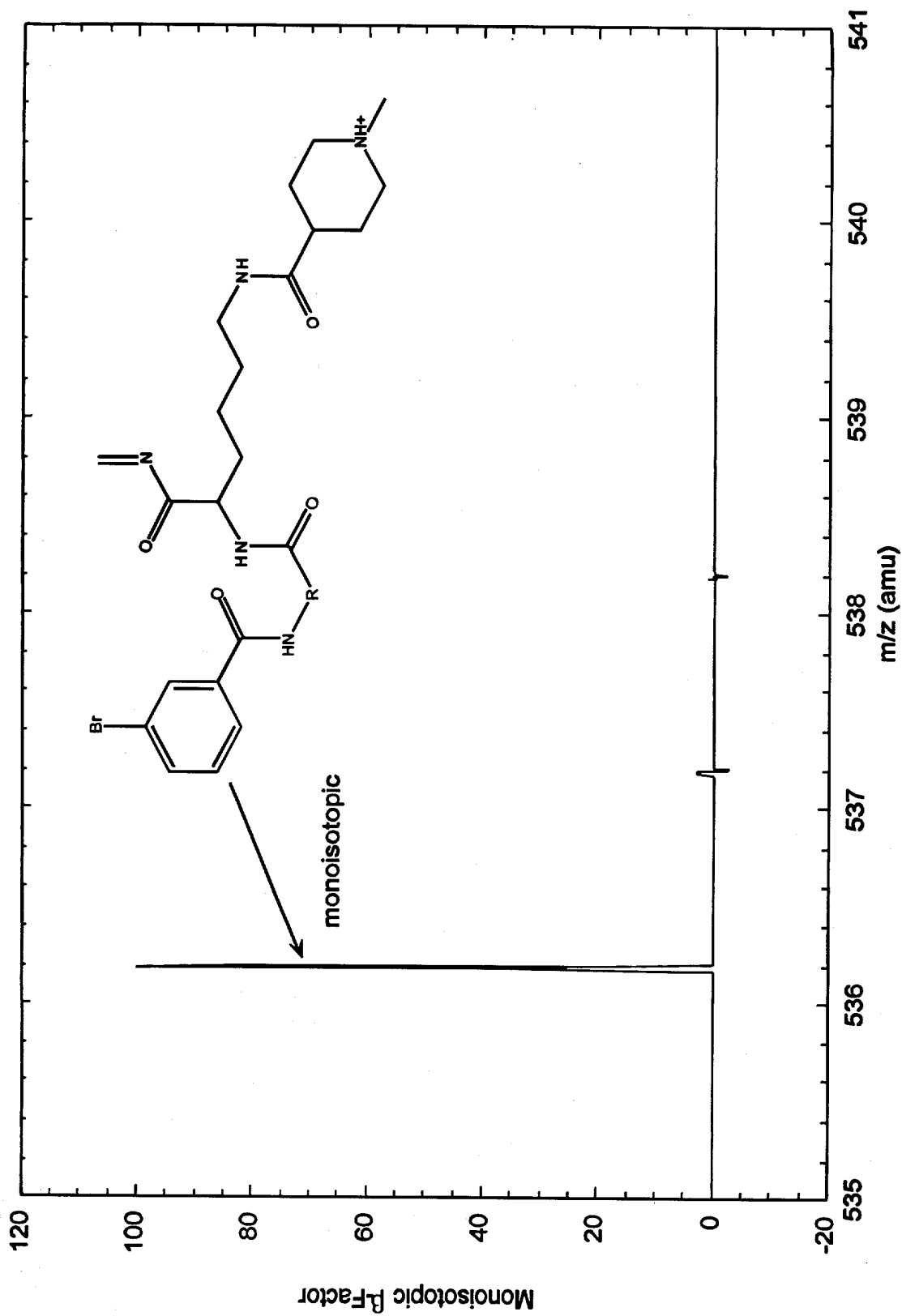


FIG. 11C.

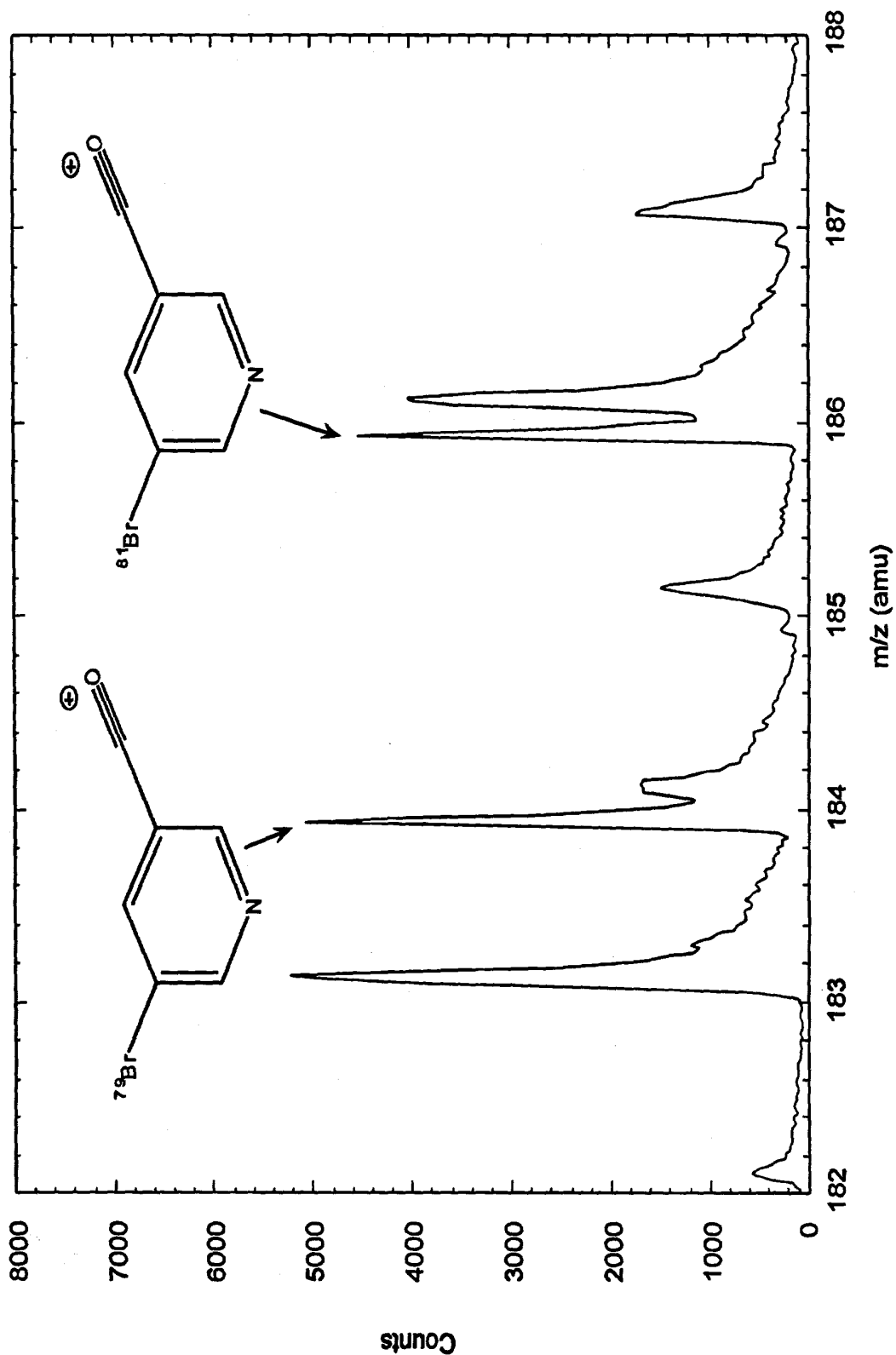


FIG. 12A.

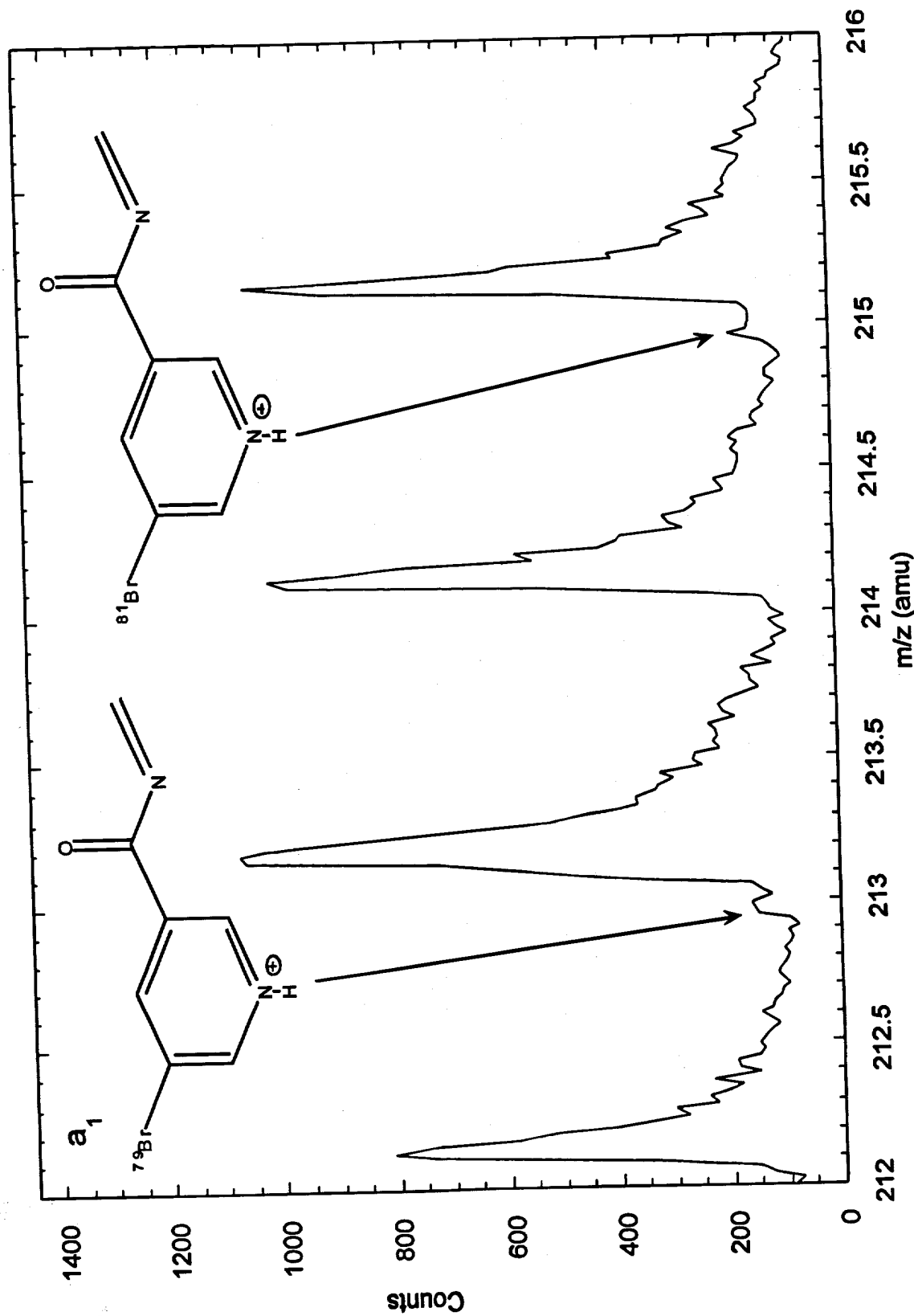
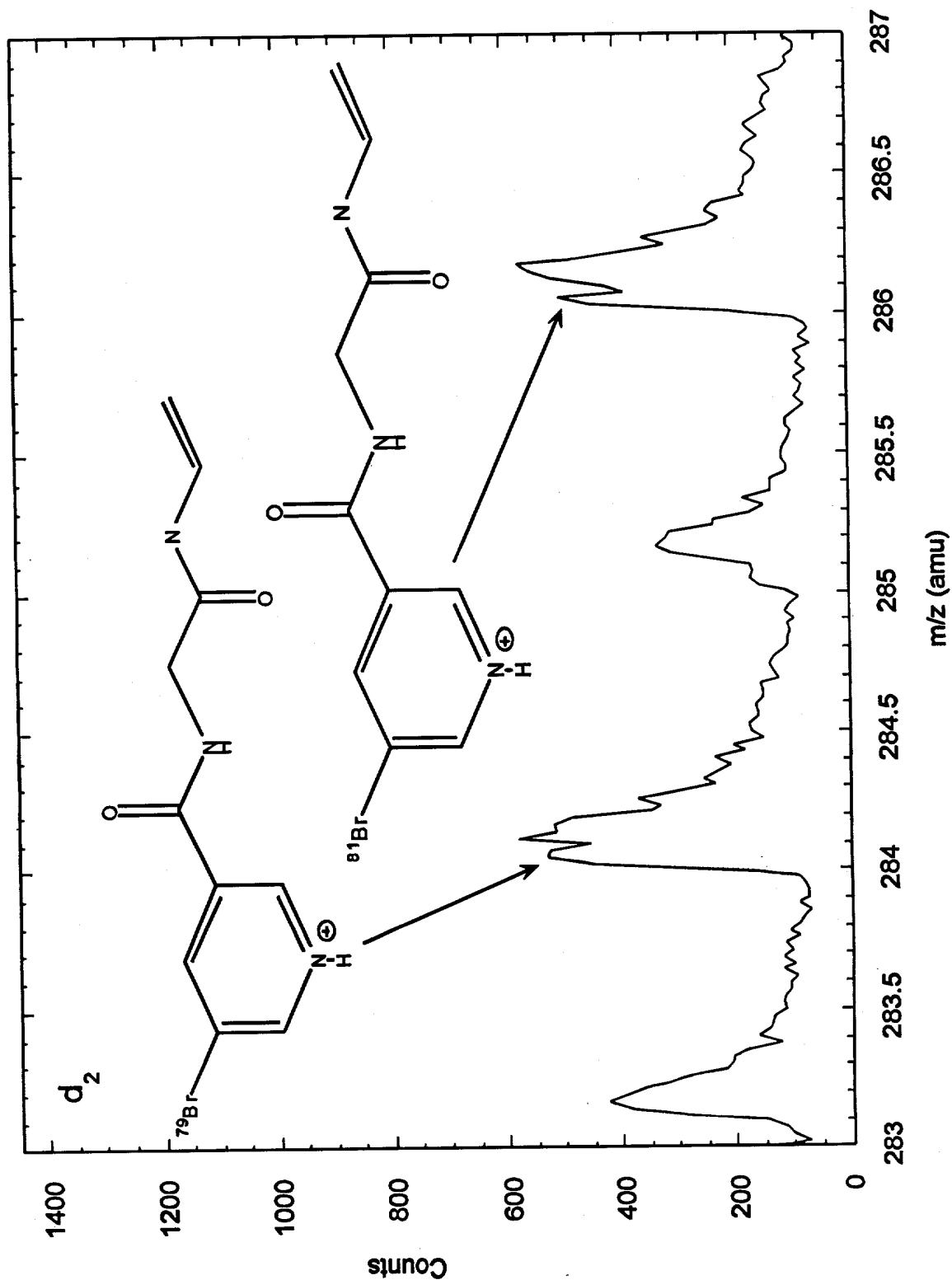


FIG.12B.



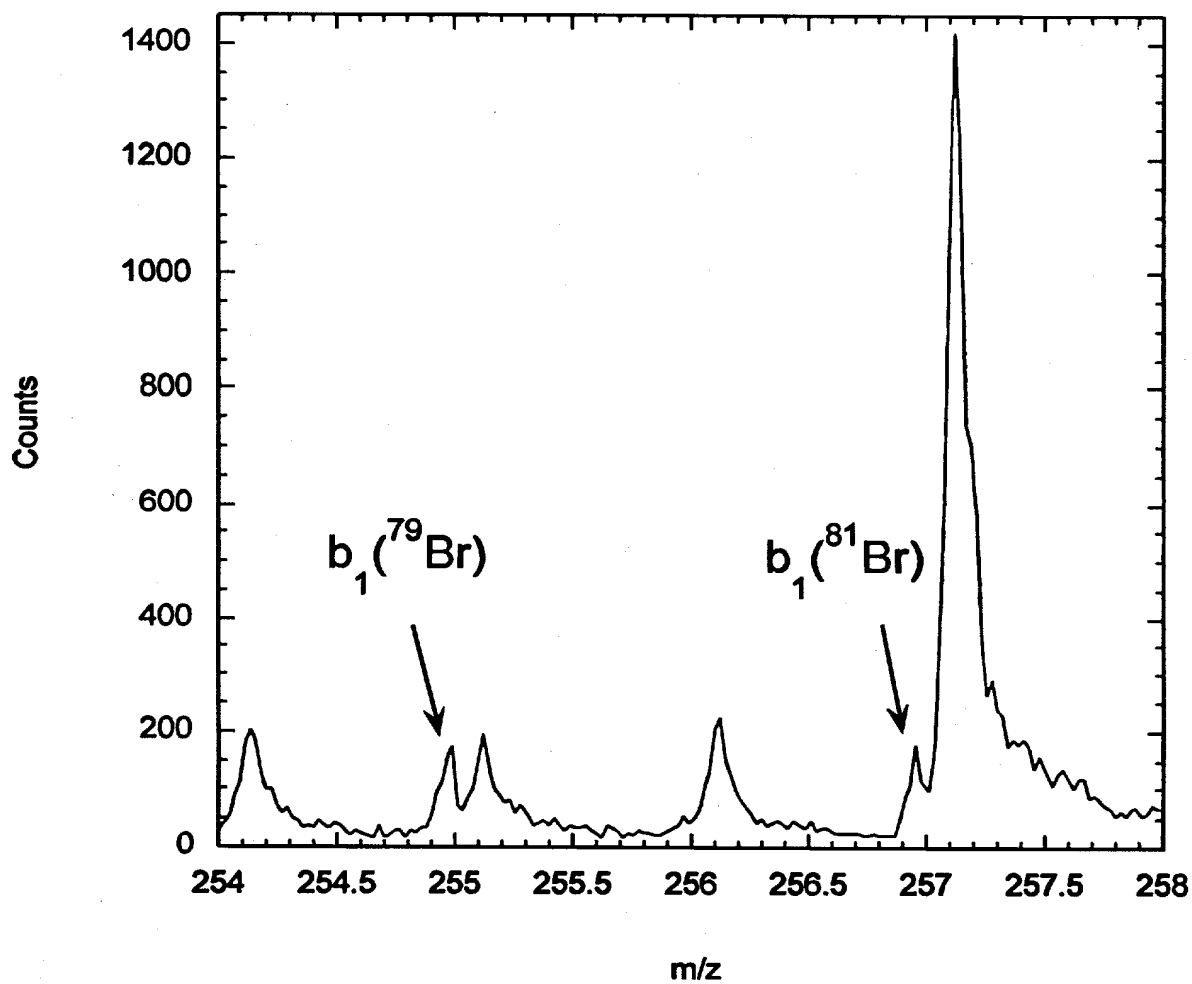


FIG. 13A.

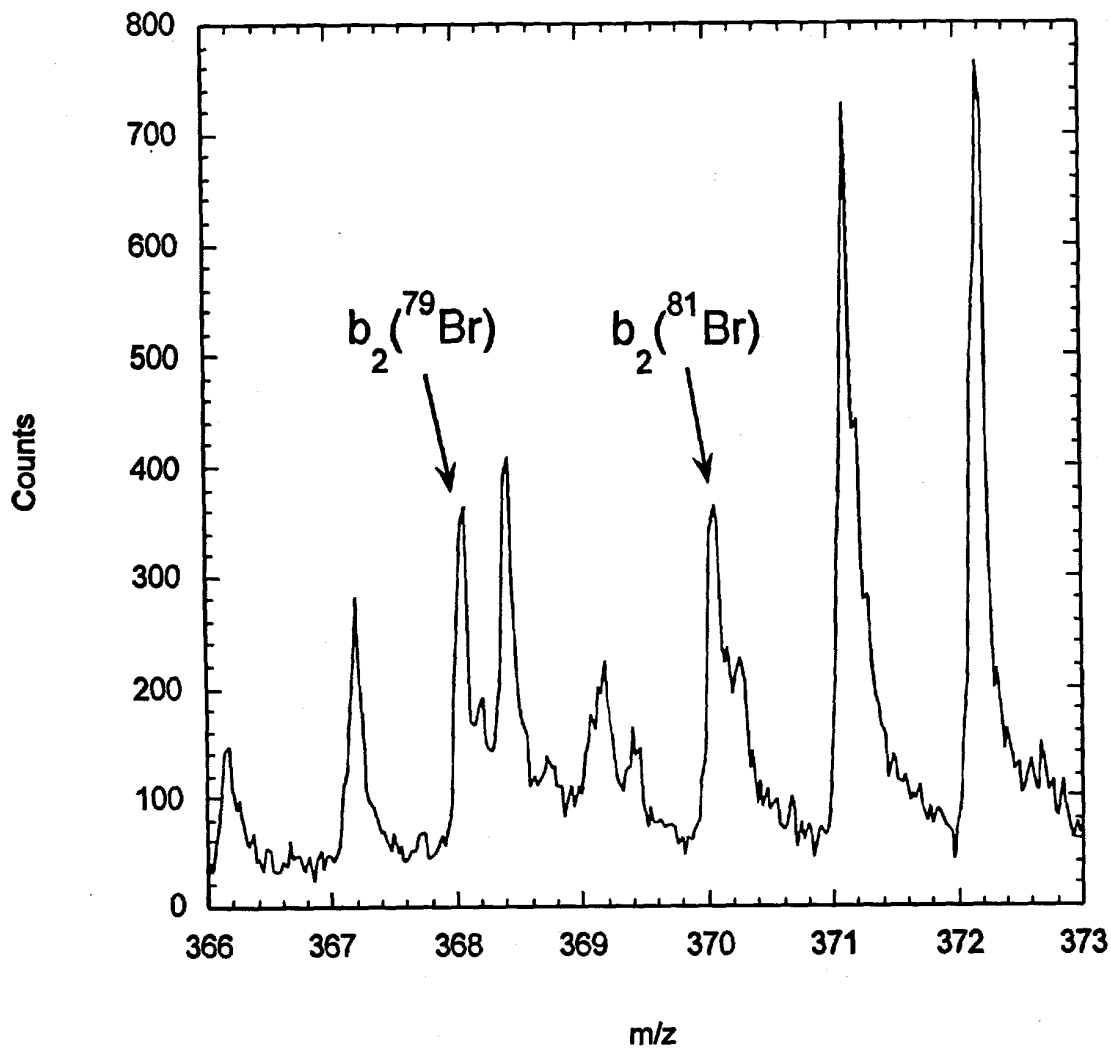


FIG. 13B.

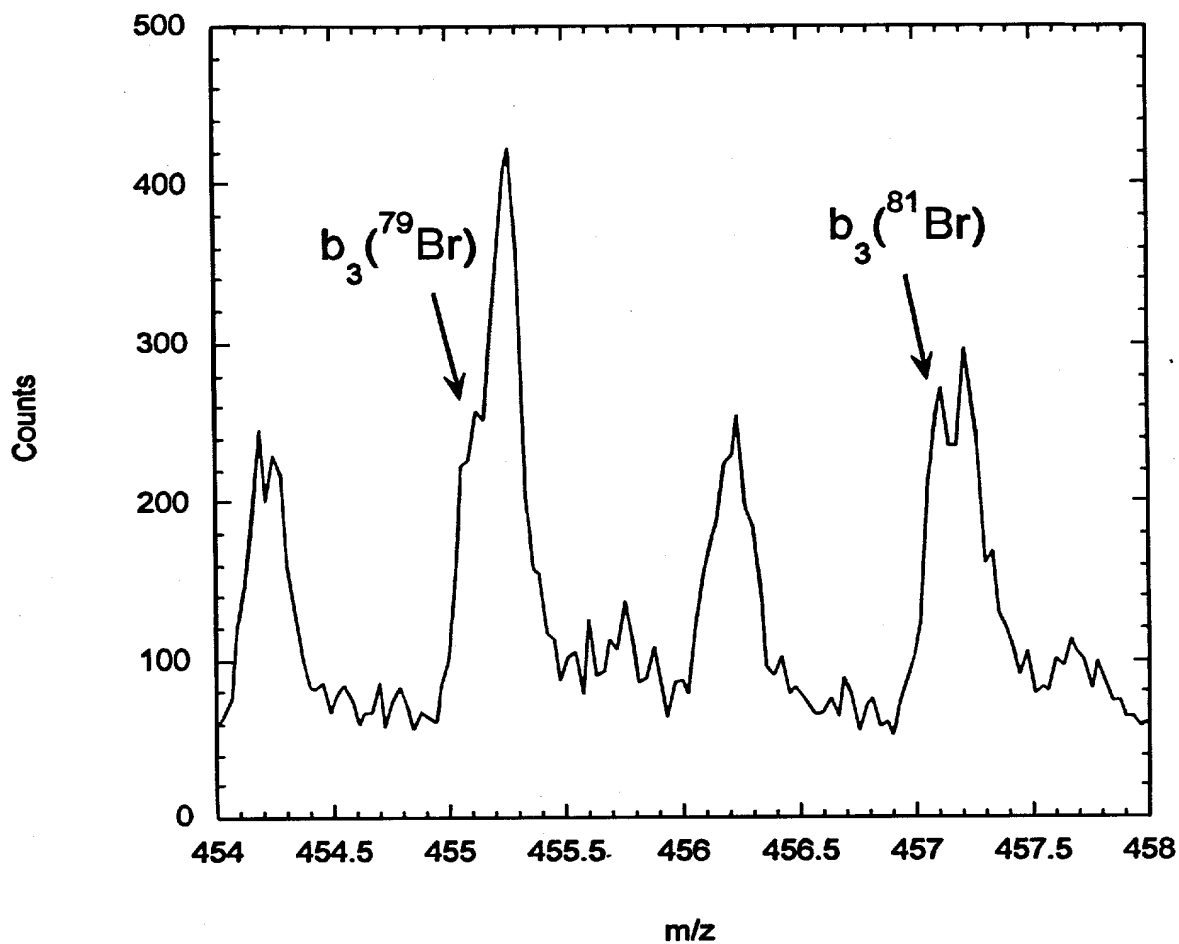


FIG. 14A.

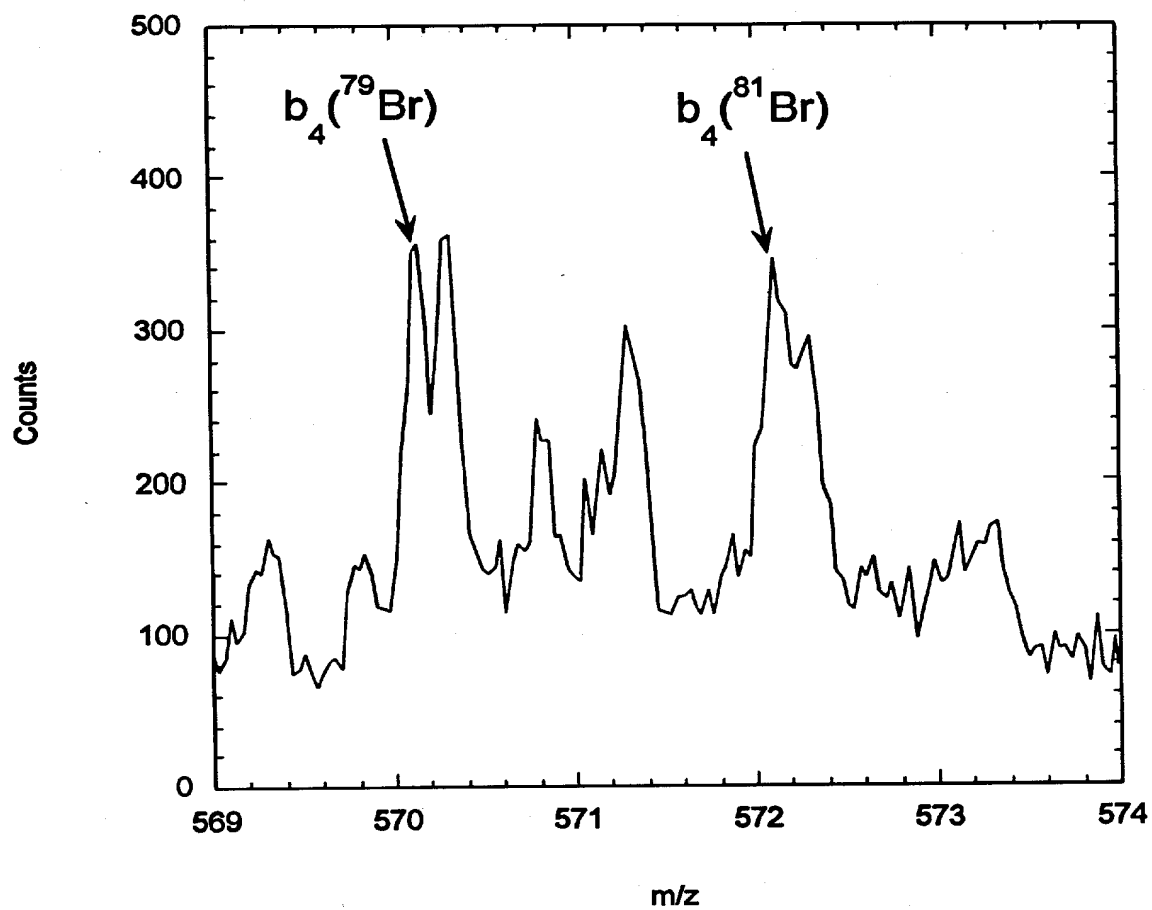


FIG. 14B.

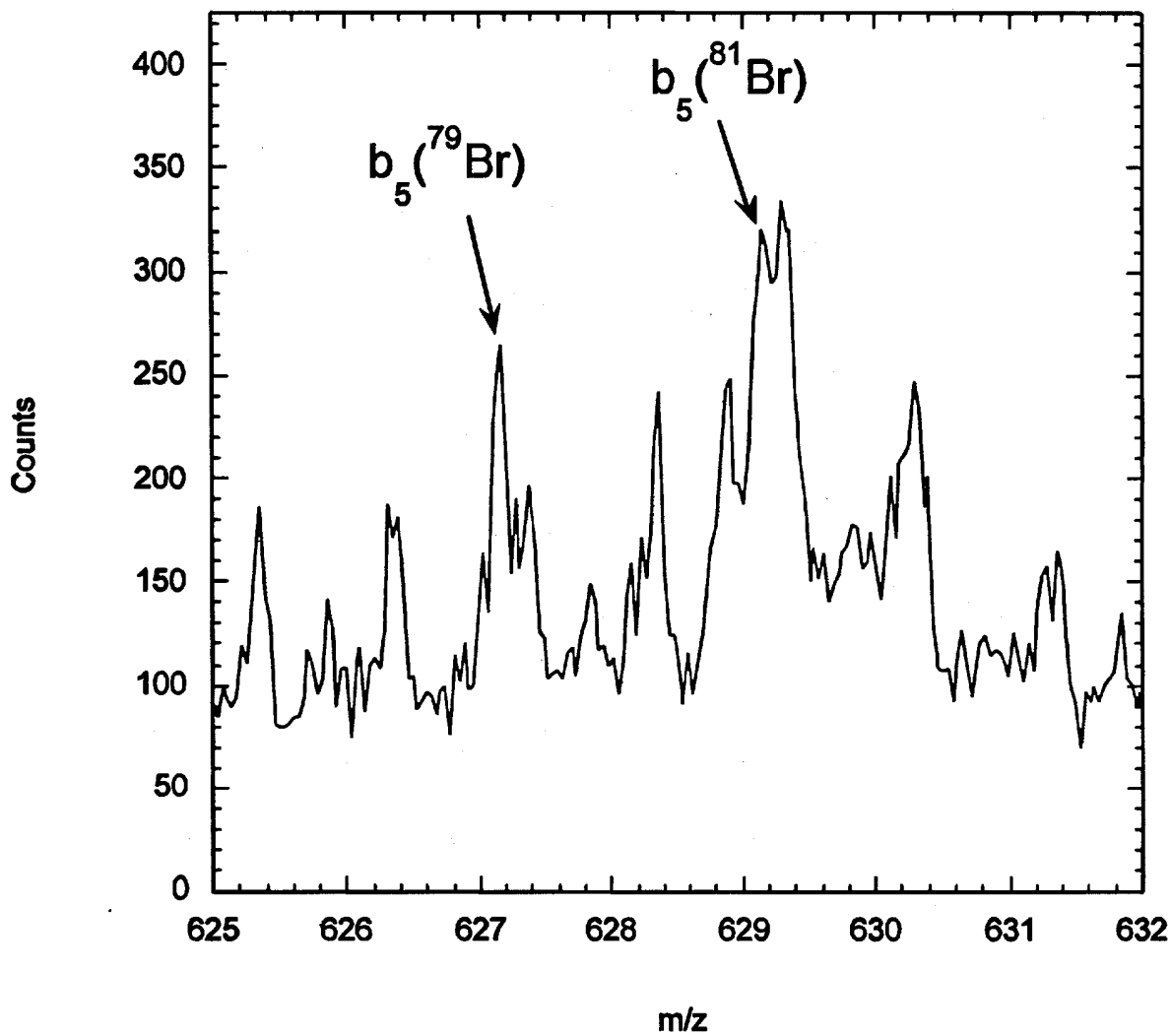


FIG. 15A.

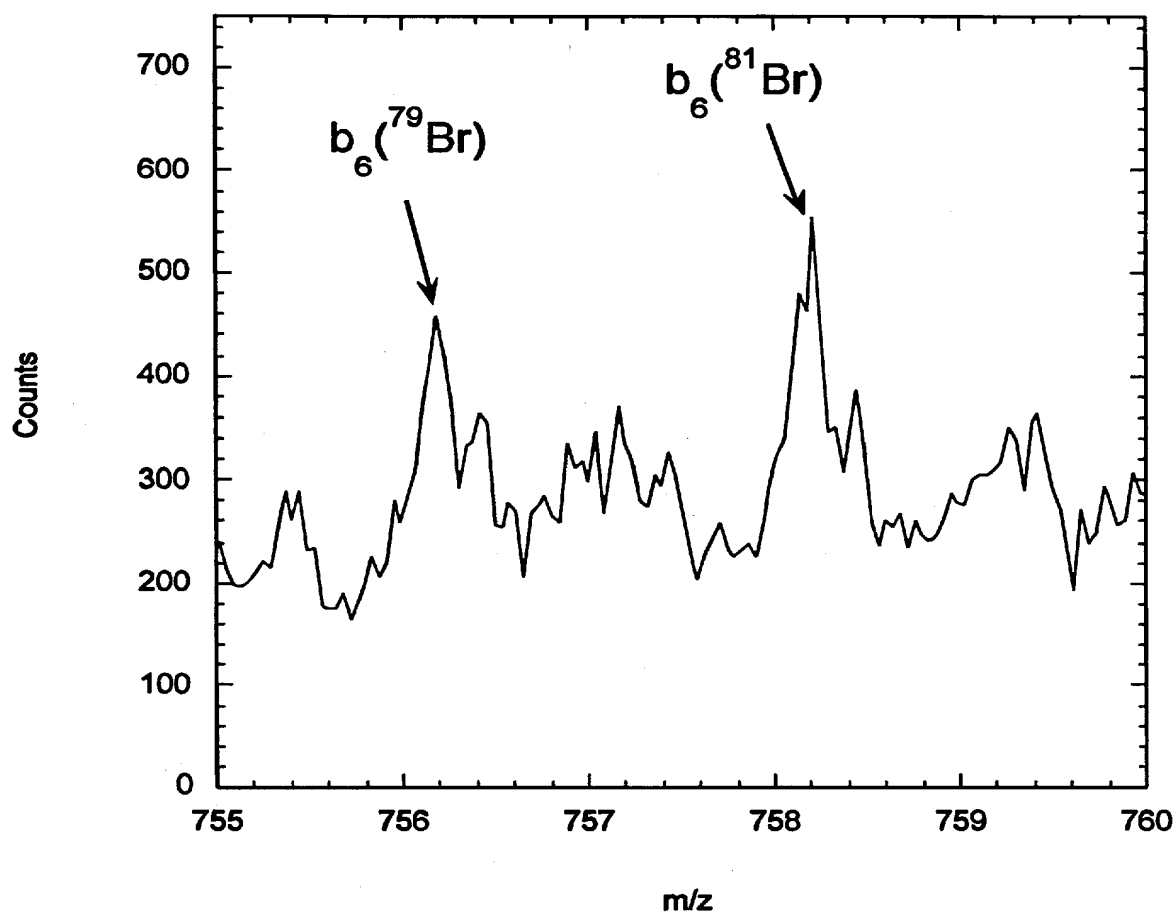


FIG. 15B.

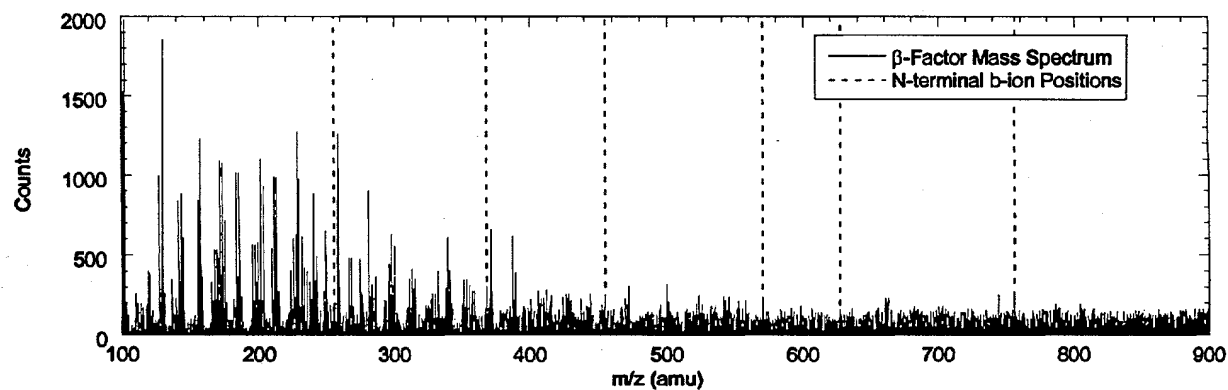
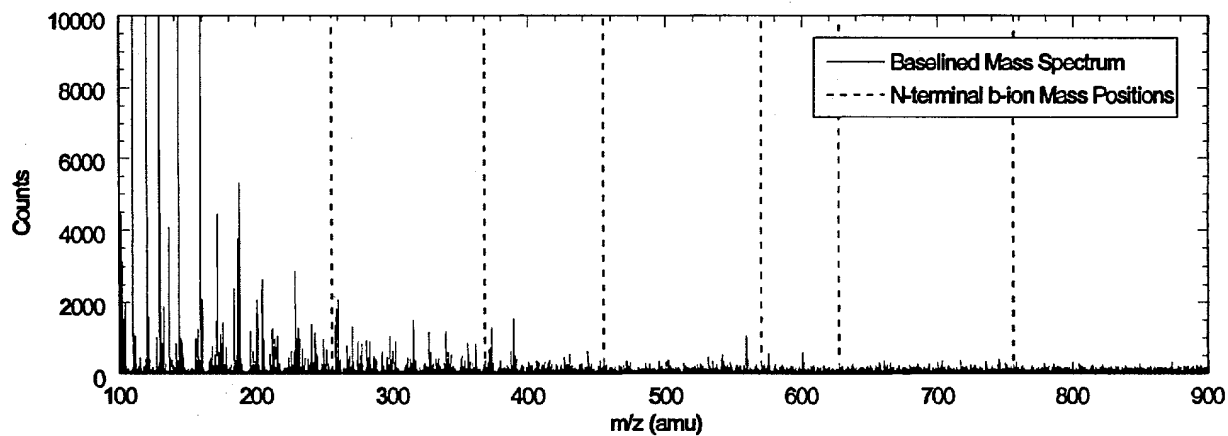
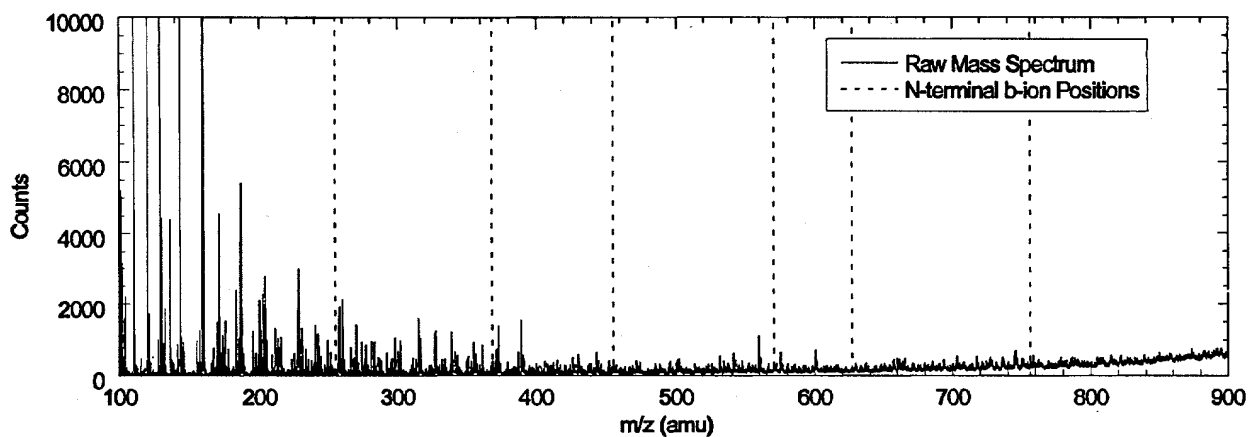


FIG. 16.

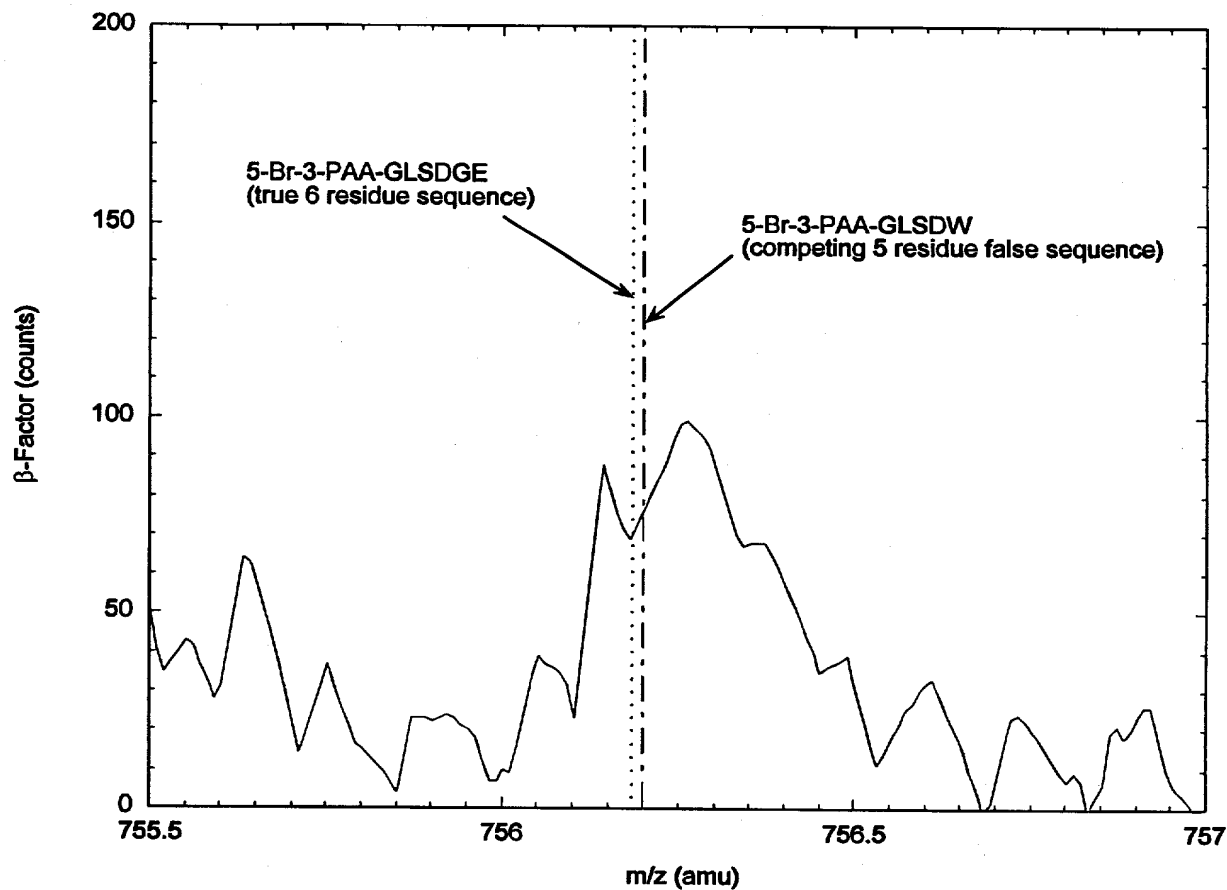


FIG. 17.

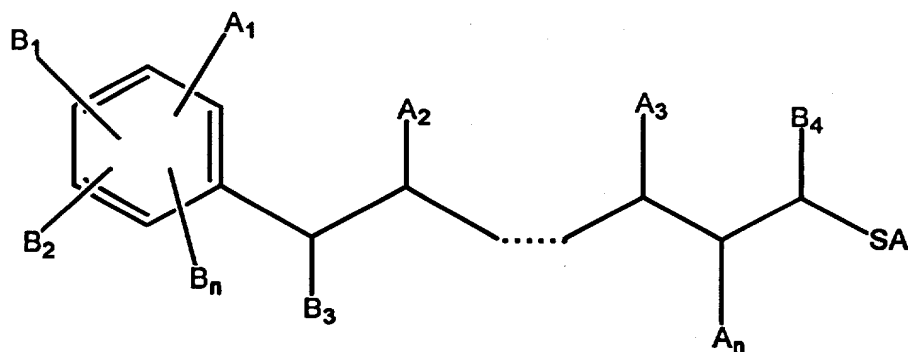


FIG. 18A.

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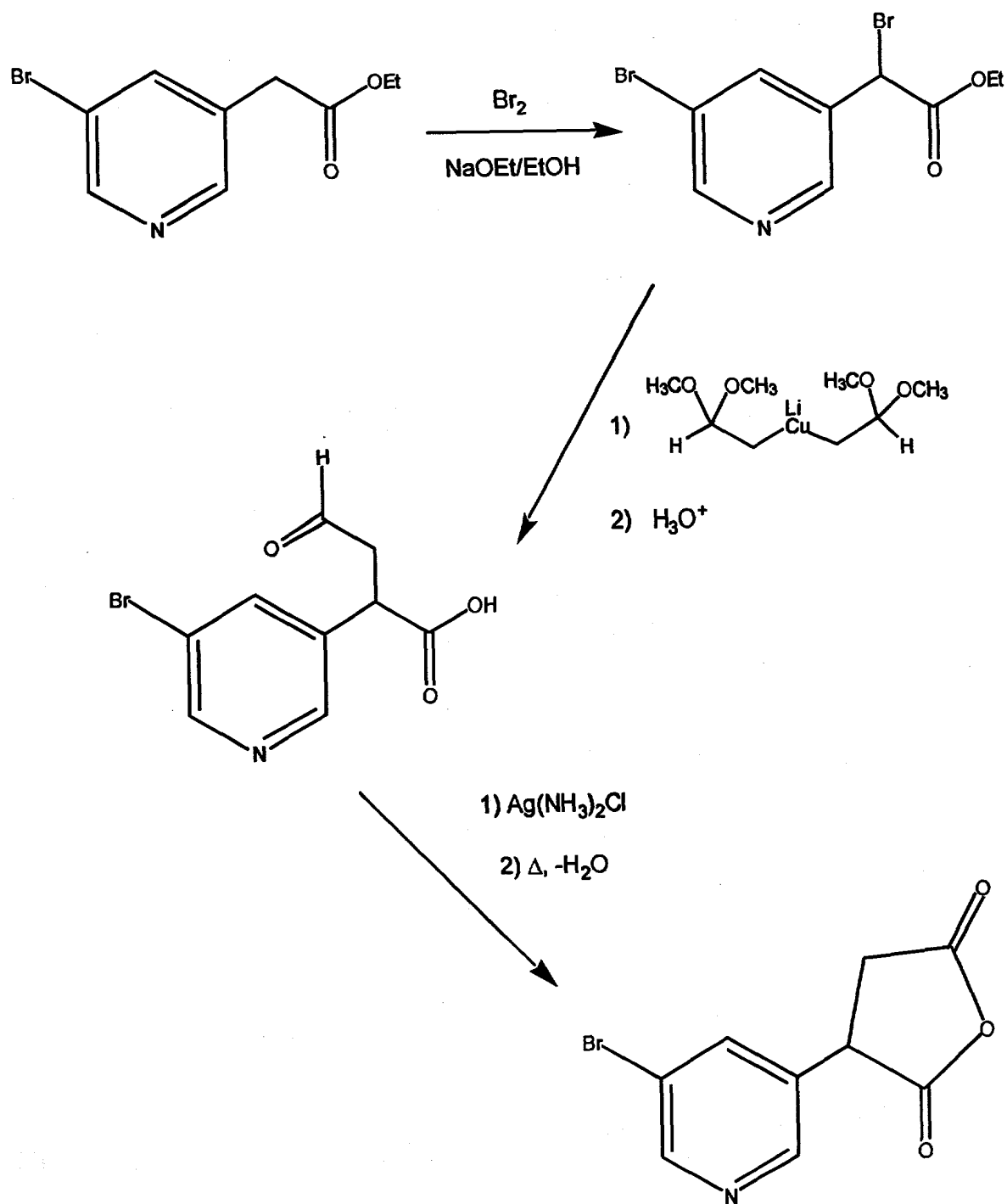
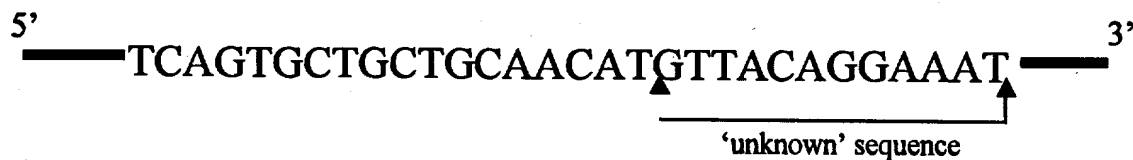


FIG. 18B.





M13 primer

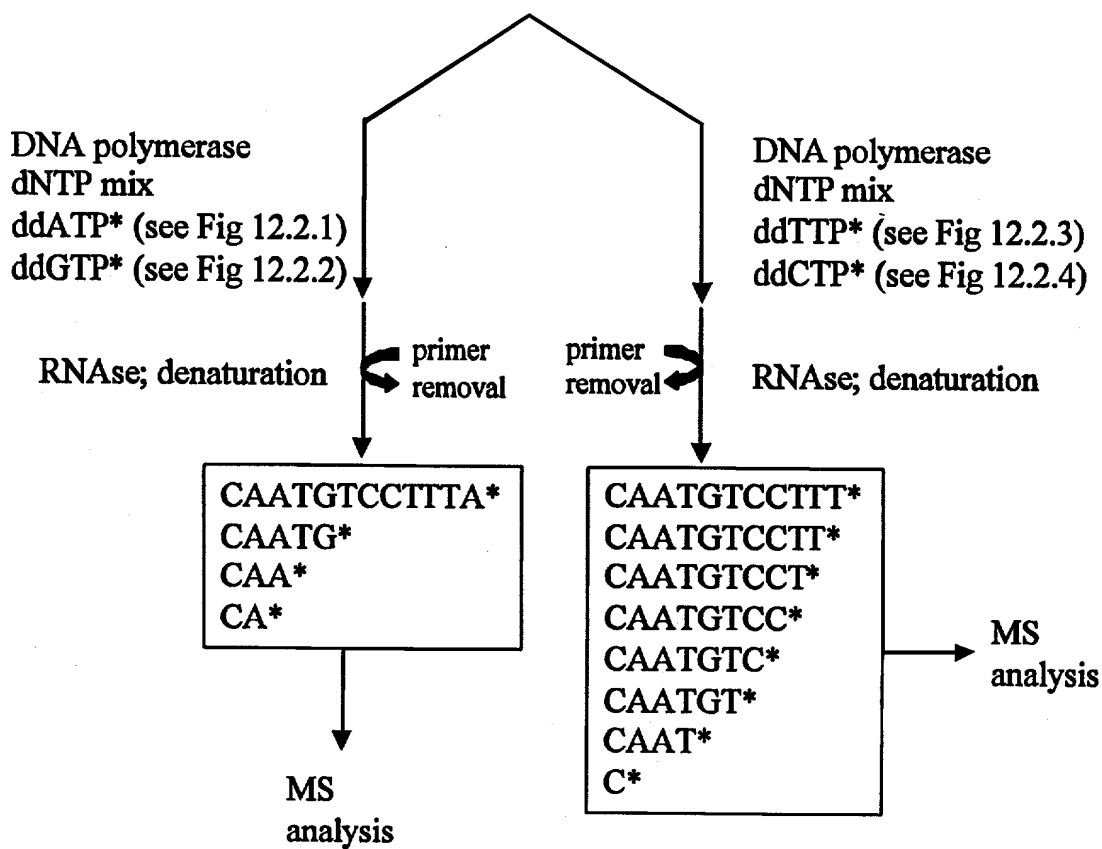


FIG. 19.

FIG. 20A.

ddATP*

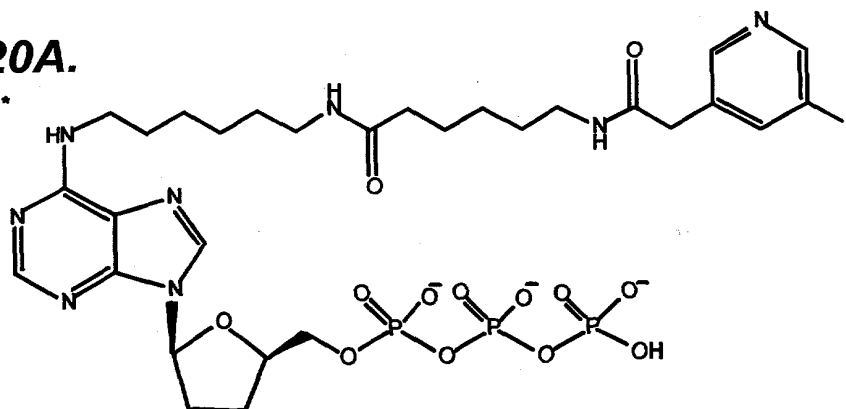


FIG. 20B.

ddGTP*

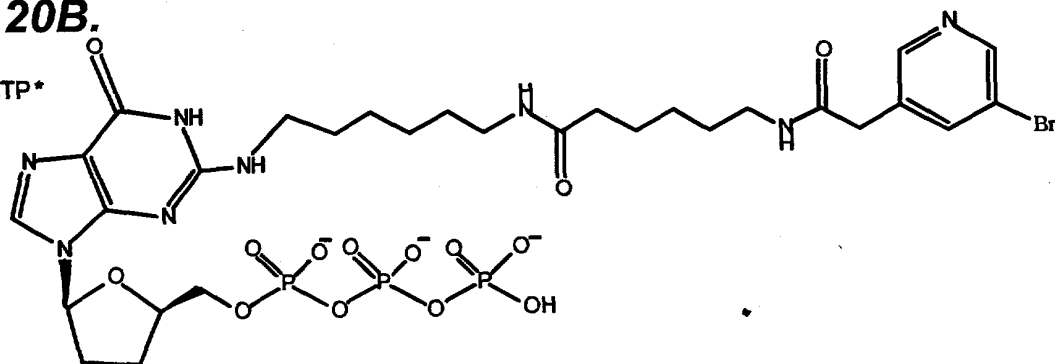


FIG. 20C.

ddTTP*

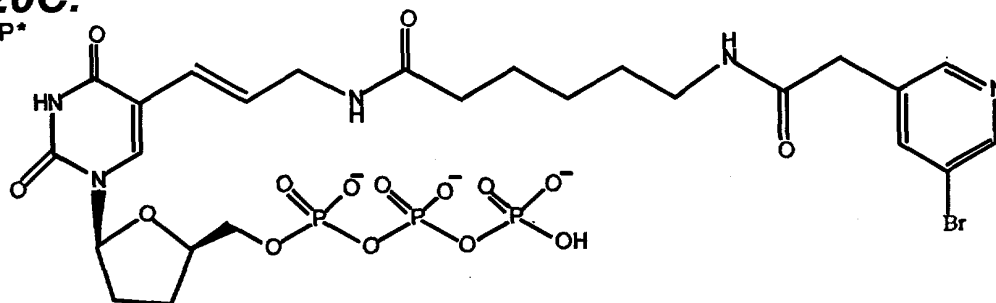
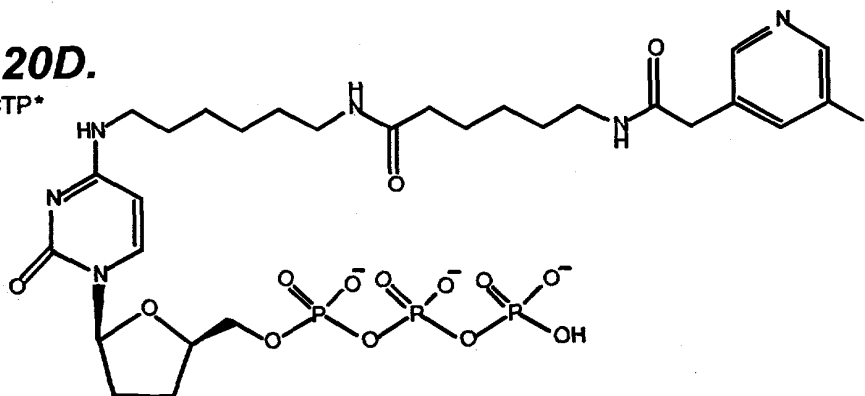


FIG. 20D.

ddCTP*



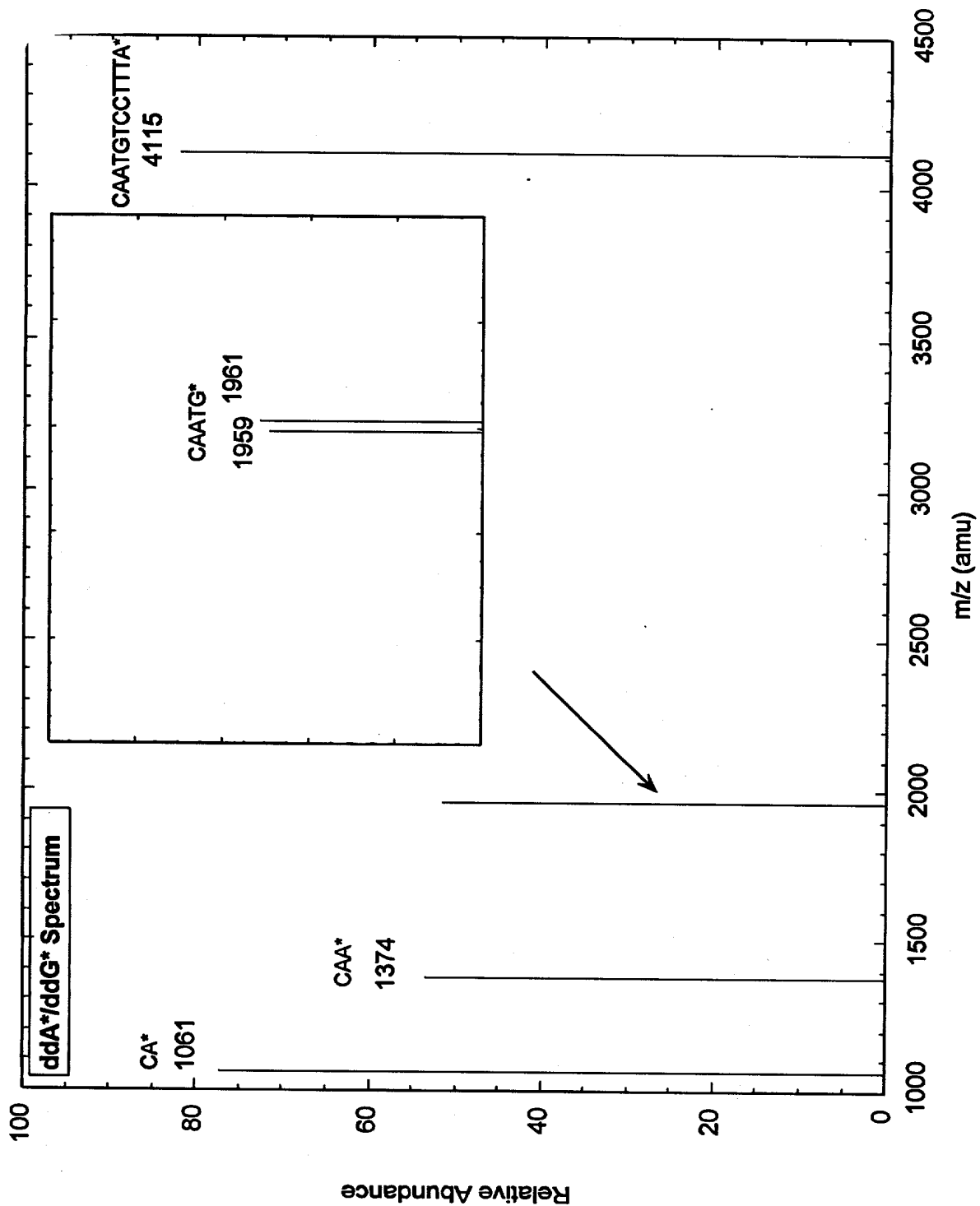


FIG. 21.

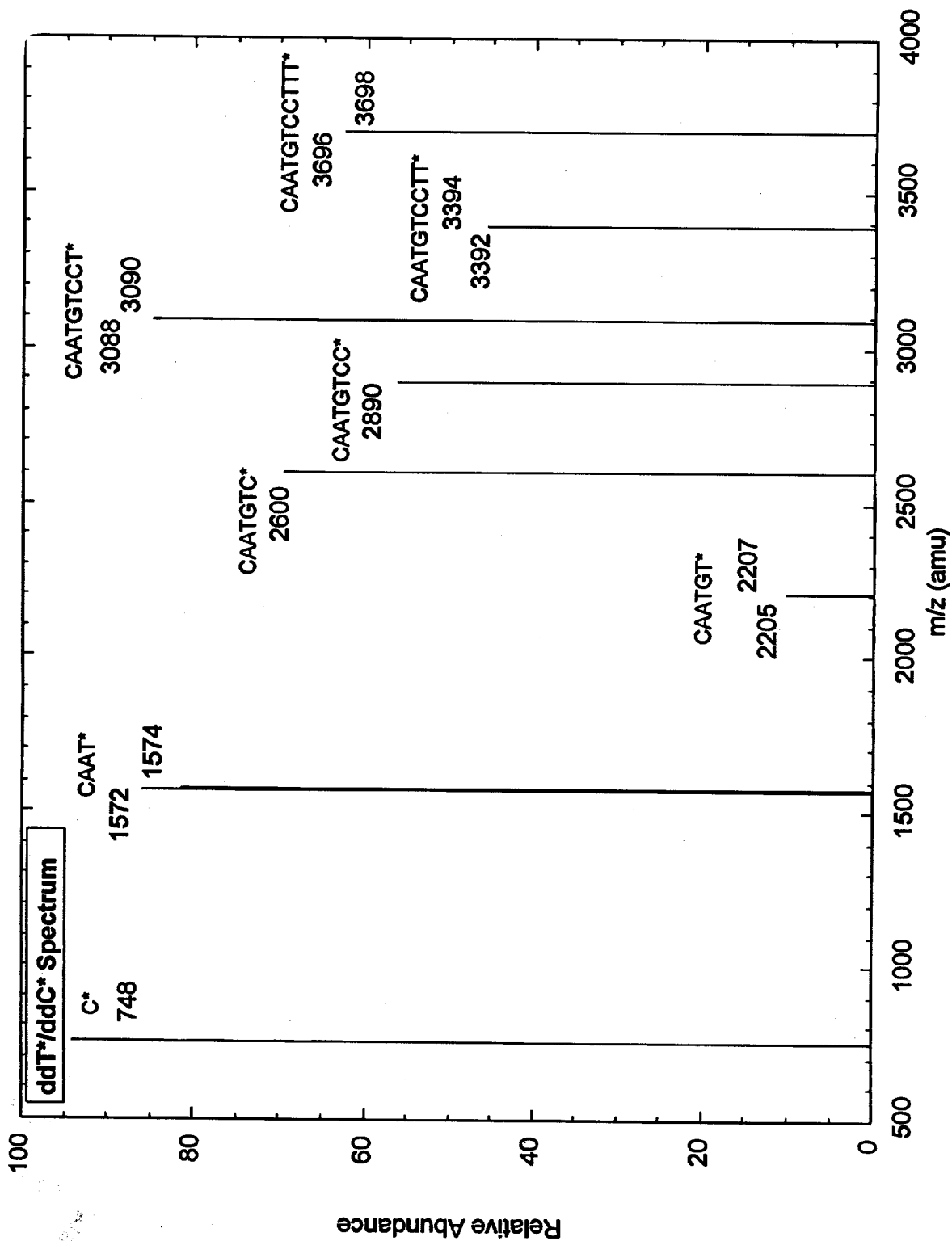


FIG. 22.